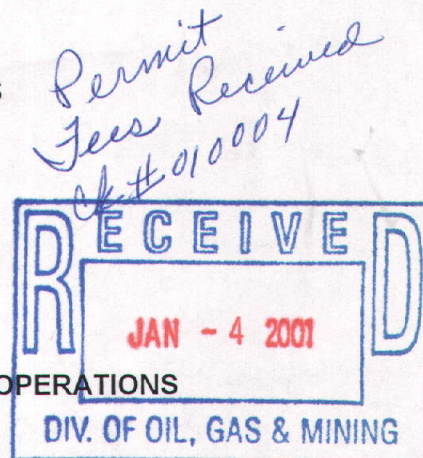


Assigned DOGM File No.: S 10531067

DOGM Lead: DJ

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5291  
Fax: (801) 359-3940



### NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

\*\*\*\*\*

#### I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: East Veyo Cinder Knoll
2. Name of Operator/Applicant: Sunroc  
Company ( ) Corporation ☒ Partnership ( ) Individual ( )
3. Permanent Address: 180 North 300 East  
City: St. George State: Utah Zip Code: 84770  
Telephone Number: (435) 673-0510 Fax: 435-652-9889
4. Ownership of Land Surface:  
Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐  
State Trust Land/School Sections ☐ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____



5. Ownership of Minerals:Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐State Trust Land/School Sections ☐ State Sovereign Lands ☐

Other (please describe): \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_  
Name \_\_\_\_\_ Address \_\_\_\_\_

Utah Mining Claim Number(s): \_\_\_\_\_

Utah State Lease Number(s): \_\_\_\_\_

Name of Lessee(s) \_\_\_\_\_

## 6. Have the above surface and mineral owners been notified in writing?

Yes ☒ No ☐

If no, why not? \_\_\_\_\_

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No ☐II. PROJECT LOCATION & MAP (Rule R647-3-105)

## 1. Project Location (legal description):

County(ies): Washington

\_\_\_\_ 1/4, of SW 1/4, of SW 1/4: Section: 29 Township: 39S Range: 16W  
\_\_\_\_ 1/4, of SE 1/4, of SE 1/4: Section: 30 Township: 39S Range: 16W  
\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

UTM East \_\_\_\_\_ (if known) UTM North \_\_\_\_\_ (If known)

Name of Quad Map for Location Veyo Quad

## 2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also photo document, plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.



3. The proposed (5 acre or less) disturbed area boundary (including access/haul roads) **must** be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers must be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☐
2. Mineral(s) to be mined: Cinders
3. Will any water, liquid chemicals, reagents, or other solutions be used, produced or discharged as part of the mining or milling process?  
Yes ☒ No ☐ If yes, please describe (add extra pages if needed) Water if necessary to control dust during processing (crushing)
4. Provide a brief description of the proposed mining operation and onsite processing facilities (add extra pages if necessary). We are intending to remove cinders and process them to a required size by crushing and screening. We would use a dozer and a loader, crusher and screens.
5. ☐ New Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)
6. ☐ Improved Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)
7. Total project surface acreage to be disturbed: 5 (acres)
8. Proposed startup date of project (month, year) 1-15-2001
9. Proposed completion date of project, if known (month, year) 1-2-2015

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.



6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing. Leave the surface rough.
13. Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. **VARIANCE REQUEST** (Rule R647-3-110)

Yes ☐ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>

VI. **PERMIT FEE** [Mined Land Reclamation Act 40-8-7(I)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (I)] provides the authority for the assessment of permitting fees. Commencing with the 1998 fiscal year (July 1 - June 30), permit fees are assessed to new and existing notices of intention and annually thereafter, until the project disturbances are successfully reclaimed by the operator and released by the Division.

***Small Mining Notices require a \$100.00 fee which must accompany this application or it cannot be processed by the Division.***

VII. **SIGNATURE REQUIREMENT**

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant: \_\_\_\_\_

Name (typed or printed): \_\_\_\_\_

Title/Position (if applicable): \_\_\_\_\_

Date: \_\_\_\_\_



Sunroc Inc.  
Dana A. Truman  
Dept. Manager, Rock Products

January 2, 2001

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining

To Whom it may concern,

Sunroc is intending to open a small mine adjacent to an existing mine, near Veyo, Utah. (See attached maps for location) Map 1, titled Sunroc Exploration Area, shows a large overview of the existing community pit, and the proposed exploration area. Map 2, titled Proposed Sunroc Exclusive Sale Area, shows in more detail the exact location of where mining activity will start.

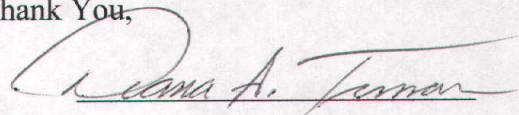
Along with these maps, is our Notice of Intention to Commence Small Mining Operations. I am also sending a copy of the Proposed Action and Alternatives. In this it states Sunroc proposes to fence the 10 acre site to provide public safety and prevent unauthorized removal of cinders. It is not necessary for us to disturb anymore than 5 acres to mine and process cinders. If fencing the 10 acres is considered disturbance, please notify me.

In brief regard to our mine plan, we will remove vegetation and top soil using a track dozer and piling these materials to the outside of the mining area, within the 5 acres. The cinders will then be removed and processed through a crusher and screens to a required size. This material will be stock piled and removed as needed, using a loader to load trucks. The trucks will haul these materials on existing roads which are maintained by the County and State.

Reclamation of the mine area, would be ongoing as areas of the mine are mined out. This would allow us to keep the mine within the 5 acres allowed for disturbance.

If anymore information is needed, please contact me at Sunroc. Phone 435-673-0510.

Thank You,



Dana A. Truman  
Dept. Manager  
Sunroc

RECEIVED

JAN 04 2001

DIVISION OF  
OIL, GAS AND MINING



## Chapter 2 PROPOSED ACTION AND ALTERNATIVES

### Proposed Action

Sunroc proposes to open up a cinder site adjacent to the existing pits on the East Veyo cinder cone. They would mine the cinders using tracked and wheeled dozers, loaders and excavators. No blasting would be necessary. The cinders would be crushed and sorted using a portable plant. Sunroc proposes to operate in the late winter and spring when there is good natural moisture at the site. They estimate it would take less than six weeks to crush 15,000 tons. The cinders would be stockpiled on the site. The stockpiled cinders would be hauled from the site throughout the year as needed at their St. George plant for the fabrication of cinder blocks and other lightweight aggregate products. Approximately 800 truckloads would be hauled per year.

- \* Sunroc proposes to fence the 10 acre area set aside for their use to provide for public safety, prevent unauthorized removal of cinders, and to provide a measure of protection for their equipment.

Sunroc proposes to mine approximately 15,000 tons of cinders per year for the foreseeable future. Contracts would be issued by the BLM for a period not to exceed two years. There would be approximately 500,000 tons of cinders within the proposed ten acre parcel.

During mining, working faces over 10 feet high will not exceed the angle of repose of the cinders, so major slides should not occur. At the completion of mining, the floor of the quarry site should be more or less level with the edges blending into the surrounding, unmined areas at about a 3:1 (horizontal:vertical) slope.

To prevent the introduction of noxious weeds or other invasive, non-native plants into the proposed project area, all equipment and vehicles used will be washed prior to first entering the site. All noxious weed infestations will be reported to the St. George Field Office weed coordinator and treated at the operators expense.

A dumpster and self-contained portable toilets will be required on the site during periods of active operations, and must be routinely maintained in good working order.

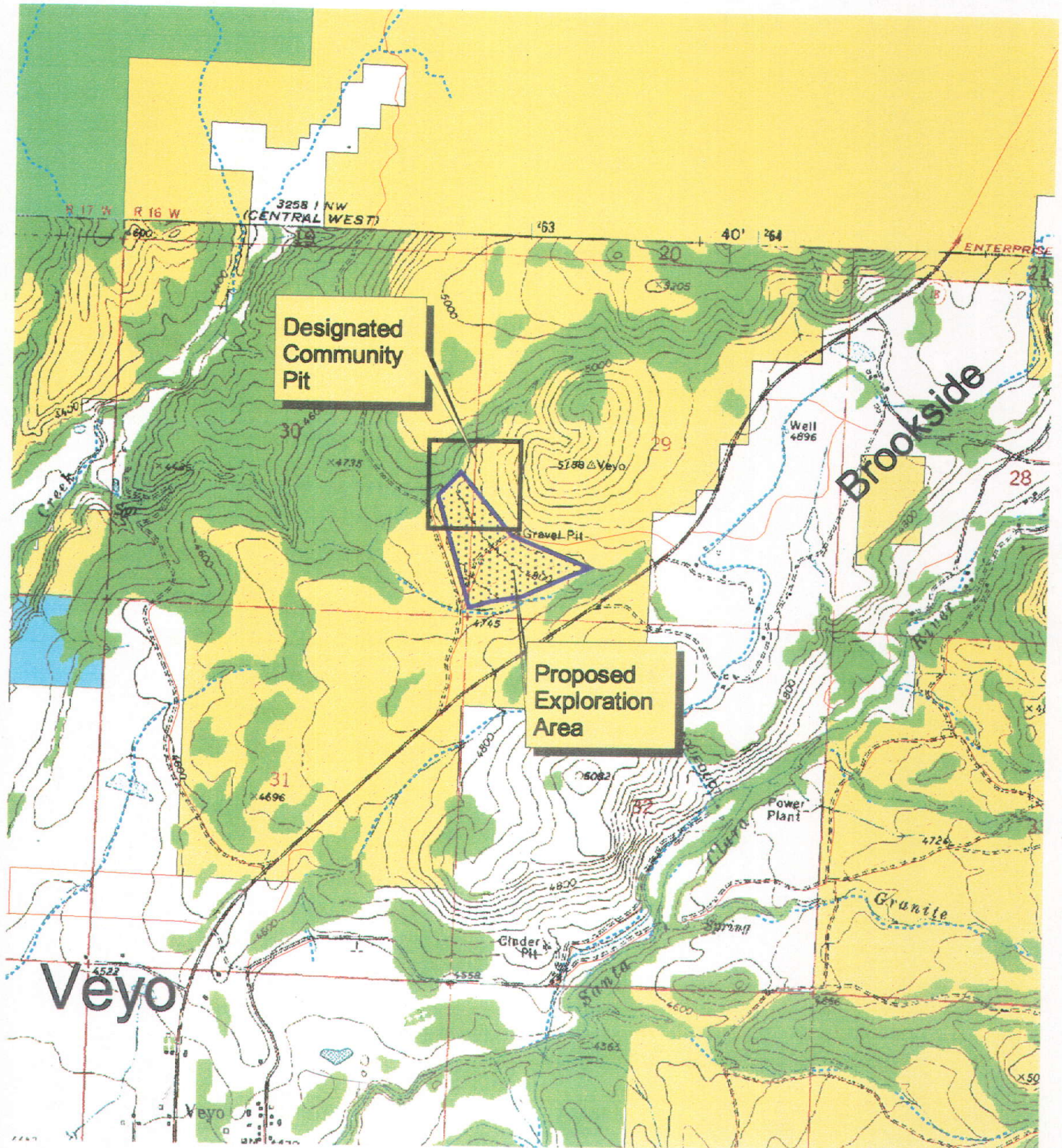
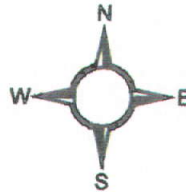
Reclamation is required by the sales contract, and a bond must be posted by the operator prior to operations to assure the reclamation work is completed.

At the completion of mining, the floor of the quarry site should be more or less level with the edges blending into the surrounding, unmined areas at about a 3:1 (horizontal:vertical) slope. If a pit is created during mining, it will be required to be backfilled with clean, natural material.



# Sunroc Exploration Area

1:24000





# Proposed Sunroc Exclusive Sale Area

1:12000

